Client Reference: MTI-1670.US.0

068354.1439

## **LISTING OF THE CLAIMS**

Claims 1-18 (canceled)

19. (currently amended) A method, implemented in a computer system, of shifting a multiword value comprising:

performing a first shift operation on a first portion of the multi-word value to produce one or more overflow bits;

performing a second shift operation on a second portion of the multi-word value, where the second shift operation comprises:

producing a shift result; and

concatenating the shift result and the overflow bits; and

where the second shift operation is a multi-precision shift instruction and where the first shift instruction and second shift instruction are performed sequentially.

20.(previously presented) The method of claim 19, where the second shift operation is a multi-precision shift instruction, and where the second shift operation produces a result, the method further comprising:

fetching and decoding the multi-precision shift instruction; and outputting the result.

- 21. (previously presented) The method of claim 20, where the multi-precision shift instruction is a shift left instruction.
- 22. (**previously presented**) The method of claim 20, where the multi-precision shift instruction is a shift right instruction.
- 23. (previously presented) The method of claim 20, where the multi-precision shift instruction